

HISTORIC PROPERTY INVENTORY FORM

IDENTIFICATION SECTION

Field Site No. 275-E OAHP No. _____ Date Recorded 31 December 1997
Site Name Historic Chemical Storage Building
Common Carpenter Shop; Carpenter-Paint Shop
Field Recorder Holly K. Chamberlain
Owner's Name U.S. Department of Energy, Richland Operations Office
Address P.O. Box 550
City/State/Zip Code Richland, WA 99352

Status

- ☒ Survey/Inventory
☐ National Register
☐ State Register
☐ Determined Eligible
☐ Determined Not Eligible
☐ Other (HABS, HAER, NHL)
☐ Local Designation

Photography

Photography Neg. No. HCRL Roll 381, Frames 31-36
(Roll No. & Frame No.)
View of All exterior facades
Date 31 December 1997

Photo at right: Roll 381, Frame 31
View of west elevation

Classification ☐ District ☐ Site ☒ Building ☐ Structure ☐ Object
District Status ☒ NR ☐ SR ☐ LR ☐ INV
Contributing ☒ Non-Contributing ☐
District/Thematic Nomination Name Hanford Site Manhattan Project and Cold War Historic District

Description Section

Materials & Features/Structural Types

Building Type Industry
Plan Rectangular
Structural System Wood Frame
No. of Stories One

Roof Type

☒ Gable ☐ Hip
☐ Flat ☐ Pyramidal
☐ Monitor ☐ Other (specify) _____
☐ Gambrel
☐ Shed

Cladding (Exterior Wall Surfaces)

- ☐ Log
☐ Horizontal Wood Siding
Rustic/Drop ☐
Clapboard ☐
☐ Wood Shingle
☐ Board and Batten
☐ Vertical Board
☒ Asbestos/Asphalt
☐ Brick
☐ Stone
☐ Stucco
☐ Terra Cotta
☐ Concrete/Concrete Block
☐ Vinyl/Aluminum Siding
☐ Metal (specify) _____
☐ Other (specify) _____

Roof Material

☐ Wood Shingle
☐ Wood Shake
☐ Composition
☐ Slate
☒ Tar/Built-up
☐ Tile
☐ Metal (specify) _____
☐ Other (specify) _____
☐ Not visible

Foundation

☐ Log ☐ Concrete
☐ Post & Pier ☐ Block
☐ Stone ☒ Poured
☐ Brick ☐ Other (specify) _____
☐ Not visible

Integrity

(Include detailed description in
Description of Physical Appearance)

	Intact	Slight	Moderate	Extensive
Changes to plan	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Changes to windows	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Changes to original cladding	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Changes to interior	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Other (specify)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

State of Washington, Department of Community Development
Office of Archaeology and Historic Preservation
111 21st Avenue Southwest, Post Office Box 48343
Olympia, Washington 98504-8343 (206)753-4011

LOCATION SECTION

Address 275-E Building, 200 East Area
City/Town/County/Zip Code Richland/Benton County/99352
Twp 12 N Range 26 E Section 3 I/4 Section SE 1/4 1/4 Sec _____
Tax No./Parcel No. _____ Acreage _____
Quadrangle or map name Gable Butte, Washington, 7.5 minute series
UTM References Zone 11 Easting _____ Northing _____
Plat/Block/Lot _____
Supplemental Map(s) _____



High Styles/Forms (Check one or more of the following)

- | | |
|---|---|
| <input type="checkbox"/> Greek Revival | <input type="checkbox"/> Spanish Colonial Revival/Mediterranean |
| <input type="checkbox"/> Gothic Revival | <input type="checkbox"/> Tudor Revival |
| <input type="checkbox"/> Italianate | <input type="checkbox"/> Craftsman/Arts & Crafts |
| <input type="checkbox"/> Second Empire | <input type="checkbox"/> Bungalow |
| <input type="checkbox"/> Romanesque Revival | <input type="checkbox"/> Prairie Style |
| <input type="checkbox"/> Stick Style | <input type="checkbox"/> Art Deco/Art Moderne |
| <input type="checkbox"/> Queen Anne | <input type="checkbox"/> Rustic Style |
| <input type="checkbox"/> Shingle Style | <input type="checkbox"/> International Style |
| <input type="checkbox"/> Colonial Revival | <input type="checkbox"/> Northwest Style |
| <input type="checkbox"/> Beaux Arts/Neoclassical | <input type="checkbox"/> Commercial Vernacular |
| <input type="checkbox"/> Chicago/Commercial Style | <input type="checkbox"/> Residential Vernacular (see below) |
| <input type="checkbox"/> American Foursquare | <input checked="" type="checkbox"/> Other (specify) |
| <input type="checkbox"/> Mission Revival | <u>Industrial Vernacular</u> |

Vernacular House Types

- | | |
|---|---|
| <input type="checkbox"/> Gable Front | <input type="checkbox"/> Cross Gable |
| <input type="checkbox"/> Gable Front and Wing | <input type="checkbox"/> Pyramidal/Hipped |
| <input type="checkbox"/> Side Gable | <input type="checkbox"/> Other (specify) |

NARRATIVE SECTION

Study Unit Themes (check one or more of the following)

☐ Agriculture
☐ Architecture/Landscape Architecture
☐ Arts
☐ Commerce
☐ Communications
☐ Community Planning/Development

☐ Conservation
☐ Education
☐ Entertainment/Recreation
☐ Ethnic Heritage (specify) _____
☐ Health/Medicine
☐ Manufacturing/Industry
☐ Military

☐ Politics/Government/Law
☐ Religion
☐ Science & Engineering
☐ Social Movements/Organizations
☐ Transportation
☒ Other (specify) Cold War Era
☒ **Study Unit Sub-Theme(s)** Chemical Separation, Facilities Support (Craft); Waste Management; Social History

Statement of Significance

Date of Construction 1944 Architect/Engineer/Builder E.I. du Pont de Nemours and Company

☒ In the opinion of the surveyor, this property appears to meet the criteria of the National Register of Historic Places.

☒ In the opinion of the surveyor, this property is located in a potential historic district (National and/or local).

The 275-E Chemical Storehouse was one of four identical structures built at Hanford Engineer Works in the 200 East and 200 West areas. Each area had two identical buildings, a Chemical Storehouse and a Machinery Shop. The 275-E Building was used to store excess substances used in the various 200 East Area chemical separations plants, and other nearby support facilities. In the early 1960s, the building was adapted for use as a carpenter shop, a purpose which it still serves, as well as also now being a paint shop.

The Chemical Storehouse served an important auxiliary function for the chemical separations activities which were carried out in the 200 East Area. Therefore, it is the conclusion of the U.S. Department of Energy that the 275-E Building is eligible for inclusion in the National Register of Historic Places as a contributing property within the Hanford Site Manhattan Project and Cold War Era Historic District.

Description of Physical Appearance

Located in the southern half of the 200 East Area on the north side of 3rd Street at its junction with Baltimore Avenue, 275-E is a one-story, L-shaped building of wood frame construction which is oriented so that its longest profile runs from east to west. It rests on a concrete foundation which is 4 feet high to facilitate truck and train deliveries. (The railroad spur which originally served the building on the north side is no longer extant.) 275-E is sheathed in asbestos shingles, which were applied over the original wooden drop siding between 1964 and 1986. The flat roof is covered with built-up gravel material. A narrow metal rim runs around the roof line. There are four pedestrian entrances, one on each side of the building. The door at the southeastern corner of the south side is covered with a vestibule which was added after 1986. The south elevation has double wooden sliding truck delivery doors in its western half. The west elevation has two service entrances. One is a centrally located metal roll-up overhead door, while the other is a sliding metal door near the northwest corner.

The original eight-over-eight, double-hung sash wood-framed windows have been largely replaced with metal sash, or covered over. Two original windows are still extant on the north elevation. The building, which is approximately 20 feet high, measures 39 feet, 6 inches by 96 feet. The square footage is 5,285. A new exhaust system was put in place in 1961 to handle sawdust from the carpenter shop operations. A shed-roofed lumber storage annex added at the northwest corner around 1962 made the originally rectangular building into an L-shaped structure. The originally undivided interior space now consists of a large open work area at the southwest corner, and a lunch room, a change room, restrooms, and storage.

Major Bibliographic References

AEC-GE Study Group. 1964. *Catalog of Hanford Buildings and Facilities 200 Area*. GEH-26434-200. Richland, Washington.

du Pont de Nemours and Company, E.I. 1943. Architectural Drawings W-69709 and W-69358, of 275-E. Wilmington, Delaware.

du Pont de Nemours and Company, E.I. 1945. *Construction, Hanford Engineer Works, U.S. Contract No. W-7412-ENG-1, du Pont Project 9536, History of the Project, Volume III*. HAN-10970. Wilmington, Delaware.

Gerber, M.S. 1993. *Manhattan Project Buildings and Facilities at the Hanford Site*. WHC-MR-0425. Westinghouse Hanford Company. Richland, Washington.